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Internetworking products	**One year**
Ethernet Stackable Hubs and Unmanaged Ethernet Fixed Port Repeaters	**Lifetime***
	(One Year if not registered)
***Power supply and fans in these stackable hubs and unmanaged repeaters**	**One Year**
Other hardware products	**One year**
Spare parts and spares kits 90 days	

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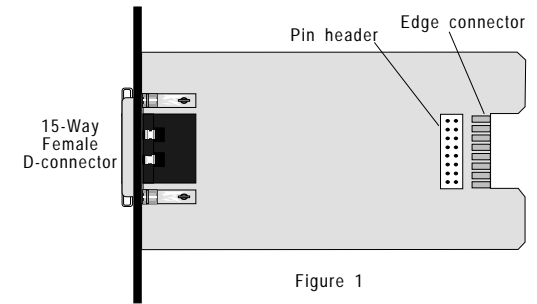
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LinkBuilder

How To Install and Use The

Female AUI Transceiver Module

3C12060

Figure 1

This manual provides a general description of the 3Com Female AUI Transceiver Module, 3C12060. Please retain this manual with your other 3Com manuals for future use.

1 Interworking Information

The 3Com® Female AUI Transceiver Module has been designed to the IEEE 802.3 specification for an AUI interface to provide external transceiver connectivity.

The Transceiver Module provides an extra port or connectivity to another medium on the following LinkBuilder® products:

- ECS modules (3C12076 and 3C12050/1)
- MSH modules (3C18110, 3C18120, 3C18124, 3C18146 and 3C18600)
- FMS Stackable Hubs (3C16250, 3C16265, 3C16271 and 3C16371)
- FMS II Stackable Hubs (3C16665, 3C16670 and 3C16671)
- Repeaters (3C16170, 3C16200, 3C16210 and 3C16505)

This product has the benefit of a "lifetime warranty": see page 4.
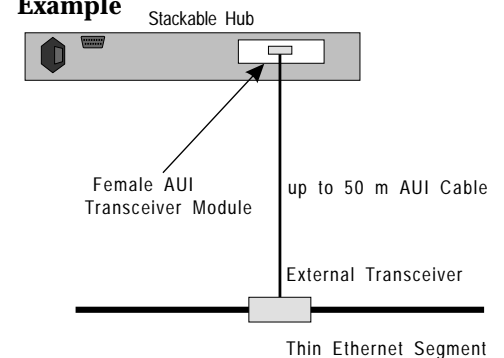
2 Installation

⚠️ *Only qualified personnel should install this device. Observe anti-static precautions! Use an earthed wrist-band!*

The Transceiver Module provides a 15-pin female AUI connector (acting as a DTE port) at the external interface end. A 16-pin header and a 16-way edge connector are mounted at the other end of the Transceiver Module for connection to a Module, Stackable Hub or Repeater.

The Transceiver Module is connected to an external transceiver directly or with an AUI cable (transceiver cable or drop cable) with a maximum length of 50 metres (although in most cases 3 metres should be sufficient).

The Transceiver Module will enable the Module, Stackable Hub or Repeater to connect to a variety of transmission medium such as a fiber, UTP, STP or Thin Ethernet.

Example

Preparation

Before you install the Transceiver Module, you must remove the Module, Hub or Repeater from the network and all power sources. Modules must be removed from the Chassis (you do not need to power down the Chassis first). The 3C18146 Expansion Module must be separated from its mother module. See the relevant *User Guide* or *'How to Install and Use...'* manual.

Remove the blanking plate from the unit in which you are going to install the Transceiver Module. The relevant manual will tell you where to find the plate.

Keep the blanking plate in a safe place so that it can be replaced when the Transceiver Module is removed.

Installing in a Stackable Hub or Repeater

For FMS Stackables and Repeaters, hold the mounting panel with the pin header side of the board *down*.

For FMS II Stackables, hold the mounting panel with the pin header side of the board *up*.

Insert the edge connector end of the Transceiver Module into the rear of the mother device.

Slide the Transceiver Module in carefully to engage in the slot and push it fully home.

Fix the mounting panel of the Transceiver Module to the back panel using the two screws from the blanking plate.

Installing on an ECS or MSH Module

Position the Module on a flat surface with the 16-way socket facing up.

Hold the Transceiver Module by the mounting panel and board edge with the header pins facing down.

Pass the board of the Transceiver Module through the cut-out in the front panel.

Align the socket on the Module with the pins on the Transceiver Module and push down firmly to connect.

With the 3C18146 Expansion Module, you align the header and pins and press gently to engage the pins. Turn the pair over to rest on the Transceiver Module and press firmly close to the header to complete connection.

Fix the mounting panel of the Transceiver Module to the module using the two screws from the blanking plate.

Connection

Once the Transceiver Module is secured in place, attach an external transceiver, directly or with an AUI cable. Remember to engage the slidelocks at both ends of the AUI cable, if you use one.

3   Operation

Re-install the mother device into its chassis and/or network and power up. The Transceiver Module will operate correctly once power is applied.

4   Problems

If, after installing the Transceiver Module, no communication is possible, check the settings of the host unit and that it is receiving power. If no error is found, refer to the supplier of your 3Com Female AUI Transceiver Module for further advice.

Standards

The 3Com Female AUI Transceiver Module 3C12060 has been designed to conform to the following standards:

Safety	UL 478	CSA 22.2
	EN 60950	
Environmental	IEC 68	
R.F.I.	FCC Part 15 (Class A)	
	VDE 0871 Level B	
Functional	ISO 8802/3, IEEE 802.3	

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